



Boulder Broadband Working Group

Inaugural Meeting
Thursday, March 19, 2015



Getting acquainted...

What are your hopes and expectations for this initiative?



Proposed charter...

- Thoughts on...
 - Purpose and major goals
 - Member roles
 - Working group representation



Communication and transparency strategy...

- Agendas and meeting materials in advance
- Use of website (extranet) to post and archive information
 - <https://bouldercolorado.gov/connect-boulder/connect-boulder-working-group>
- Post the following on public website:
 - Charter and member roster
 - Meeting notices, agendas and notes



Future meetings...

Proposal:

- Schedule meetings the 3rd Thursday of each month from 3:30-5:30 for the next six (6) months?
- Use of special topic breakout groups?
- Other proposals?

City telecommunications ... past and present

- City fiber and conduit infrastructure
 - ~100 miles of “in-use” and “dark” fiber throughout city
 - Incrementally acquired through negotiations with telecom providers and concurrent with city street/utility projects
 - No debt
 - Varying number of dark fibers in different network segments
 - Significant areas of vacant conduit
 - Connectivity to BVSD, other area communities and Denver



City telecommunications ... past and present

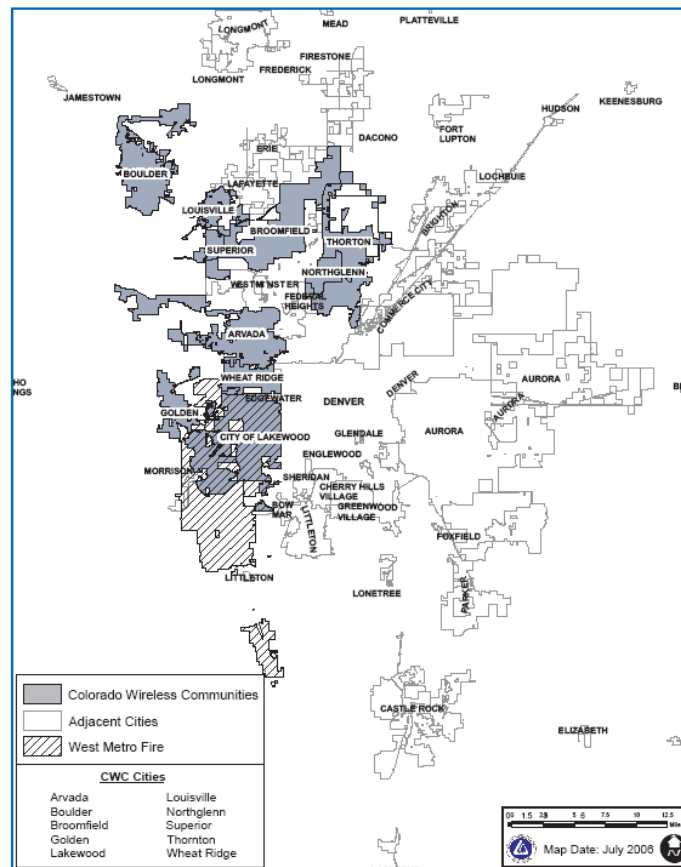
Boulder Research & Administrative Network (BRAN)

- Formed in 2000
- City of Boulder (lead), CU and Federal Labs
- Current charter does not make fiber available for public purposes



City telecommunications ... past and present

Colorado Wireless Communities (2006-2010)



City telecommunications ... past and present

- Google Fiber for Communities RFP (2011)
 - Significant public, private partnership



The graphic is a dark-themed promotional image for the Boulder Fiber Forever (BFF) campaign. On the left, the BFF logo consists of three colored squares (blue, red, yellow) containing the letters 'B', 'F', and 'F' respectively. Below the logo, the text 'Boulder Fiber Forever' and the website 'boulderfiber.com' are displayed. A large, glowing blue 'VOTE NOW!' button is prominent. To the right, the text 'What could YOU do with CRAZY FAST INTERNET?' is shown above an illustration of two houses with glowing green fiber optic lines connecting them. A bulleted list of applications for high-speed internet is provided on the right side of the graphic.

BFF
Boulder Fiber Forever boulderfiber.com
VOTE NOW!

What could **YOU** do with **CRAZY FAST INTERNET?**

- Energy Management
- Movies
- Telecommute
- Music
- Start a Business
- 3-D
- Home Automation
- Gaming

City telecommunications ... past and present

- Ballot initiative 2C: 83% yes vote
- Civic Area Wi-Fi project - Live on April 7!



Emerging thoughts on next steps

- No detailed business or technical planning prior to November '14 vote
- Council focus on public/private partnership
 - Chattanooga success case study (existing electric utility)
 - New service area, significant risks
 - Partnering on “last mile” construction; reduced public debt
 - Interest in private city network (public safety and utilities)



Emerging thoughts on next steps

Assessing current infrastructure and business alternatives

- Outside engineering and business assessment (planned direction)
 - Capacity of current infrastructure
 - Supplemental (middle and last mile) needs
 - Alternative business models
- Or, open process
 - Invite prospective business partners to conduct analysis themselves
 - Develop formal business proposals



Questions or Thoughts?

